

Uninterruptible power supply 10-80KVA (transformer based technology)



Technical specifications

- 3 phase in / 3 phase out
- Output 10KVA and 80KVA
- Output isolation transformer
- Up to 91% efficiency
- Static by-pass
- External REPO switch input
- 5 control buttons iLCD alphanumeric display brings detailed monitoring of measured parameters
- 3microcontrollers for rectifier, main control system, parallel management
- 128 events alarm memory (4000 alarms)
- Clock and calendar (battery supported)
- Advanced battery management controls charge system battery test
- Electronic protection for over temperature
- Air cooling ventilation
- High performance at nonlinear loads
- Dry contact simulation function and RS232
- Dial-up modem connection and setup
- Custom input voltage and frequency ranges
- International standards compatibility
- SNMP(Simple Network Management Protocol) communication
- 1 year warranty
- 10 years spare parts support
- ISO9001, ISO14001, CE, GOST certification
- Optional MODBUS adapter

| MODEL | DLT310 | DLT315 | DLT320 | DLT330 | DLT340 | DLT360 | DLT380 |
|------------------------------|---|--------|--------|------------------|--------------|---------|--------------|
| Power | 10KVA | 15KVA | 20KVA | 30KVA | 40KVA | 60KVA | 80KVA |
| INPUT | | | | | | | |
| Voltage | 220 / 400 Vac 3 Phase +N + EARTH, +/-15% | | | | | | |
| By-pass Voltage | 220 / 400 Vac 3 Phase +N + EARTH, +/-10% | | | | | | |
| Input Frequency | 50 Hz +/- 5% | | | | | | |
| Max RFI | EN62040-2 | | | | | | |
| Input voltage protection | Electronic input out of tolerant protection | | | | | | |
| OUTPUT | | | | | | | |
| Power(kW) | 8 | 12 | 16 | 24 | 32 | 48 | 64 |
| Power Factor | 0.8 | | | | | | |
| Voltage | 220 / 380 Vac 3 Phase +N +/-1% | | | | | | |
| Voltage regulation time | Max 25msec | | | | | | |
| Frequency | 50Hz+/-2% (Line Synchronized) / 50Hz +/-0.2%(Free Running) | | | | | | |
| Efficiency | 88-90% at 100% load | | | 90% at 100% load | | | |
| Crest Factor | 3:1 | | | | | | |
| Overload Protection | 100% to 125% Load: 10min / 125% to 150% Load: 1 min / >150% Load: By-pass | | | | | | |
| SC Protection | Electronic short circuit protection | | | | | | |
| THD | <3% linear load / <5% Nonlinear load | | | | | | |
| BATTERIES | | | | | | | |
| Battery Type | Sealed Lead Acid – Maintenance Free | | | | | | |
| Number of Batteries | 30 | | | | | | |
| Float Charging Voltage | 405VDC | | | | | | |
| End of Discharge | 300VDC | | | | | | |
| Ambient °C | 25°C | | | | | | |
| Batt. Protection | Battery fuse, battery low and high alarm (3levels) | | | | | | |
| Battery Test | Every 72hrs | | | | | | |
| GENERAL | | | | | | | |
| Software | T-MON UPS software (3 client) | | | | | | |
| Temp. Range | 0°C - 55°C | | | | | | |
| Humidity | <90% (Non Condensed) | | | | | | |
| Protection | IP20 | | | | | | |
| Altitude | <2000m above sea level | | | | | | |
| Acoustic Noise | <56dB | | | | | < 60dBA | |
| Weight(without batteries) kg | 220 | 260 | 260 | 290 | 415 | 465 | 595 |
| Dimensions (mm) WxDxH | 505x655x1150 | | | | 575x820x1390 | | 720x820x1850 |